

# INTERNATIONAL SEARCH REPORT

Internat Application No  
PCT/IB2004/052668

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H01L51/20 H01L31/0236

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L G03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	C. DE WITZ, D.J. BROER: "Photo-Embossing as a tool for creating complex surface relief structures" POLYMER PREPRINTS, vol. 44, no. 2, August 2003 (2003-08), pages 236-237, XP008044116 cited in the application	1,3-5
Y	the whole document	2,6,12
X	US 5 024 909 A (SMOTHERS ET AL) 18 June 1991 (1991-06-18) column 2 - column 3 column 9 - column 10; examples 1-9 ----- -/--	1,3-5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search  23 March 2005	Date of mailing of the international search report  05/04/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Wolfbauer, G

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/70691 A (UNIVERSITY OF DURHAM; UNIVERSITY OF EXETER; SAMUEL, IFOR, DAVID, WILLI) 23 November 2000 (2000-11-23)	7-11
Y	page 5 page 11 - page 12; figure 2	2,6,12
Y	EP 0 883 197 A (JAPAN SCIENCE AND TECHNOLOGY CORPORATION) 9 December 1998 (1998-12-09) cited in the application the whole document	2,6,12
L,E	WO 2005/008321 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; BROER, DIRK, J; WITZ, CHRISTIANE,) 27 January 2005 (2005-01-27) L: Priority the whole document	1,3-5
Y	WO 99/30375 A (NANOGRAM CORPORATION) 17 June 1999 (1999-06-17) cited in the application page 1 - page 8; figures 2,3	2,6,12
A	LAWRENCE J R ET AL: "Optical properties of a light-emitting polymer directly patterned by soft lithography" APPLIED PHYSICS LETTERS, AMERICAN INSTITUTE OF PHYSICS. NEW YORK, US, vol. 81, no. 11, 9 September 2002 (2002-09-09), pages 1955-1957, XP012031872 ISSN: 0003-6951 cited in the application the whole document	7-11
A	Y. XIA, G.M. WHITESIDES: "Soft Lithography" ANGEWANDTE CHEMIE, INTERNATIONAL EDITION, vol. 37, 1998, pages 550-575, XP002316637 the whole document	

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